



Delo[®] Heavy Duty SAE 15W-40 and 20W-50

Proven performance heavy-duty multigrade engine oils

Product description

Delo Heavy Duty SAE 15W-40 and 20W-50 are proven performance heavy-duty multigrade engine oils formulated to meet ACEA, API and original equipment manufacturers' (OEM) performance standards for heavy-duty diesel engine performance.

Delo Heavy Duty SAE 15W-40 and 20W-50 are manufactured with premium base oils and robust additives designed to offer durable protection and performance.

Customer benefits

- Formulated for protection against engine wear and bore polishing, helping increase engine output and reduce maintenance downtime
- Designed to help reduce low temperature sludge build-up, offering improved engine protection and performance in cold environments
- Offers protection against high temperature oxidation and piston deposit formation, helping reduce maintenance downtime and costs
- Detergency performance and acid control help maintain reliability, preventing engine and bearing corrosion and optimising uptime

Product highlights

- **Formulated for engine wear and bore polishing resistance**
- **Designed to reduce low temperature sludge**
- **Offers high temperature oxidation protection**
- **Promotes acid control and corrosion prevention**

Selected specification standards include:

ACEA	API
Mack	MAN
Mercedes Benz	MTU
Volvo	

Applications

- Delo Heavy Duty SAE 15W-40 and 20W-50 multigrade engine oils are developed for use in heavy-duty engine operations, in both on- and off-highway service. They are designed for turbocharged and naturally aspirated diesel engines in various types of service including engines used in heavy-duty trucks, construction, mining and farming equipment.
- Delo Heavy Duty multigrade engine oils can also be used in mixed fleet (gasoline and diesel) engines. Delo Heavy Duty multigrade engine oils also provide protection in engines where oils are recommended meeting the former CCMC D4, PD2 and G4.

Performance

- API CG-4/SJ
- ACEA E2
- Mercedes Benz MB 229.1

Recommendations

- API CF-4, CE, CD, CF
- Mack EO-L
- Volvo VDS

Approvals, performance and recommendations

Approvals

- MAN M3275-1
- Mercedes Benz MB-Approval 228.3
- MTU category 2 (SAE 15W-40)

Typical test data			
Test	Test Methods	Results	
Viscosity Grade		SAE 15W-40	SAE 20W-50
Shelf Life: 60 months from date of filling indicated on the product label			
Density at 15°C, kg/l	ASTM D4052	0.872	0.893
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	105.3	158.5
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.7	19.2
Viscosity Index	ASTM D2270	144	138
Pour point, °C	ASTM D97	-33	-33
Flash point COC, °C	ASTM D92	230	238
Sulphated Ash, %wt	ASTM D874	1.3	1.3

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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